

FIG. 1

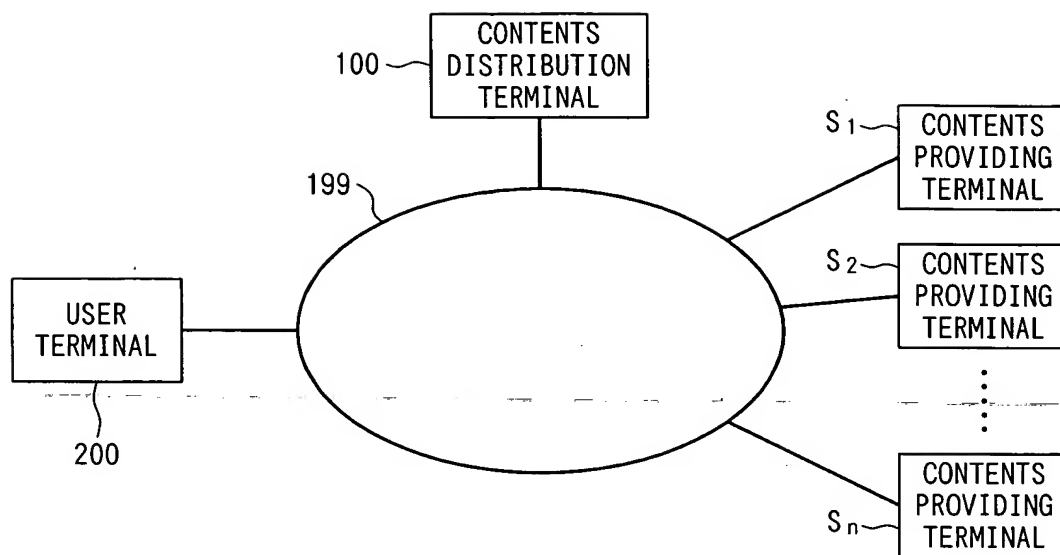


FIG. 2

100

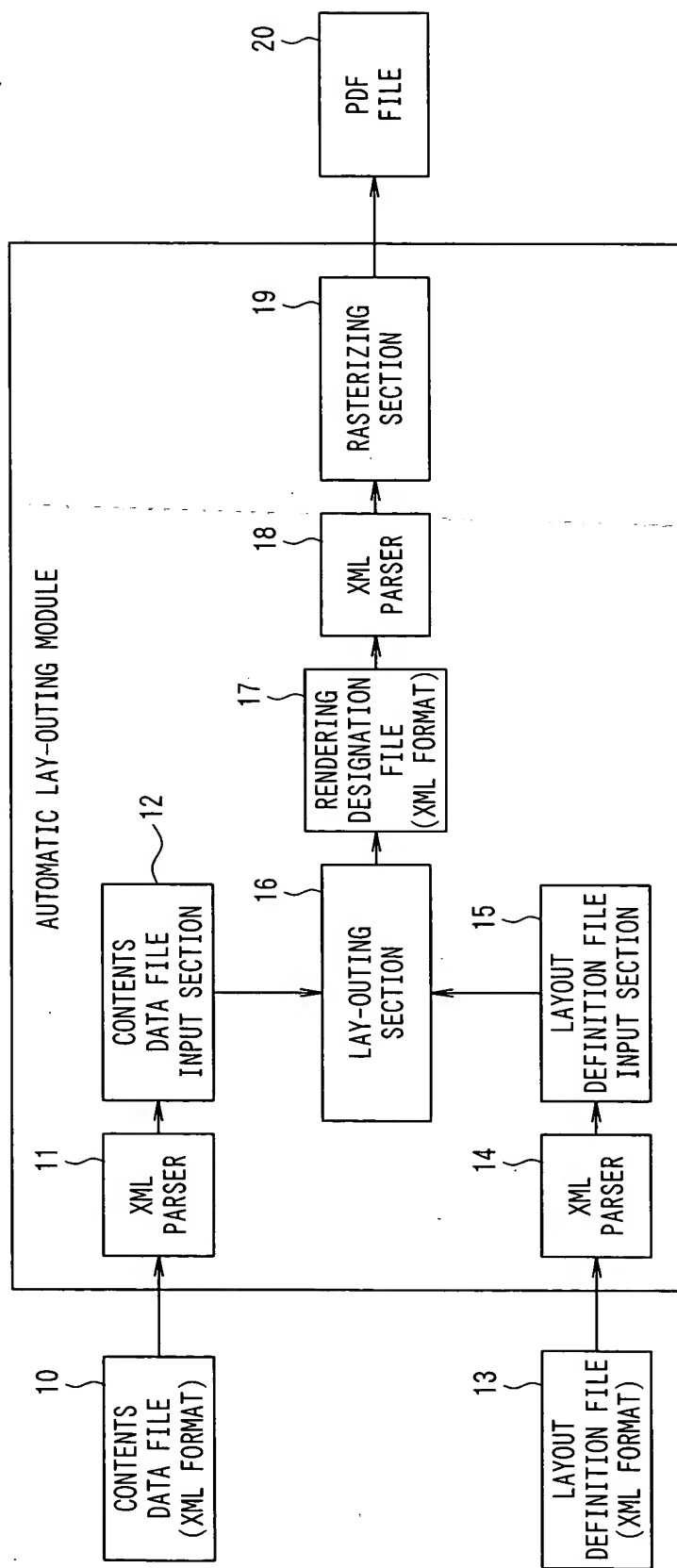


FIG. 3

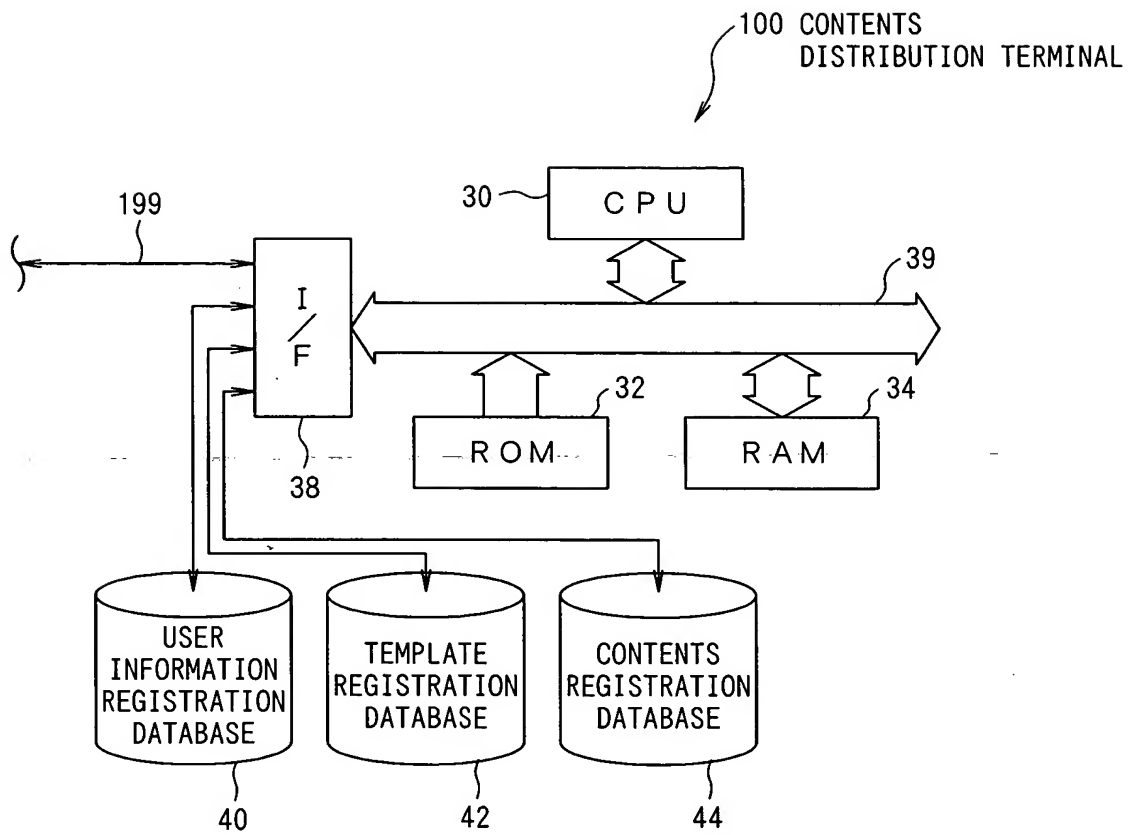


FIG. 4

300 USER PROFILE TABLE

302	304	306	308	310	312	314	316	318
USER ID	DISTRIBUTION ADDRESS	CATEGORY NO.	KEYWORD	DISTRIBUTION DATE	DISTRIBUTION TIME	LAYOUT NO.	MAXIMUM PAGE NUMBER	FONT SIZE
Andy	Andy@aaa.com	1700	PROCESSOR	DAILY	5	2	2	SMALL
Bill	Bill@bbb.com	1501	OS	WEEKDAY	11	5	2	SMALL
Candy	Candy@ccc.com	201*	APPLICATION	WEEKEND	9	6	u	NORMAL

FIG. 5

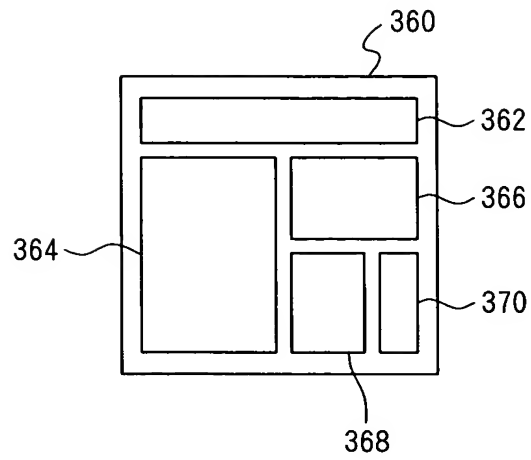


FIG. 6A

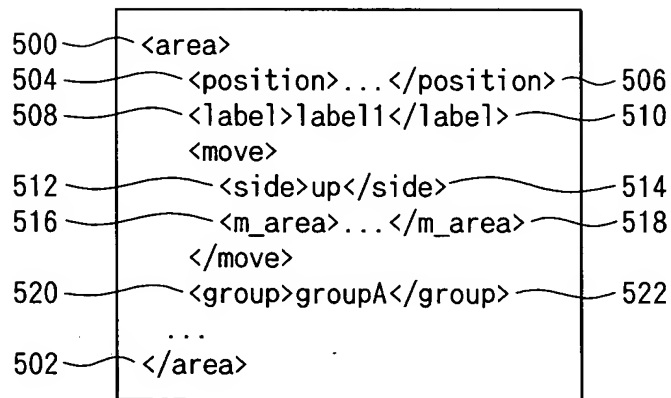


FIG. 6B

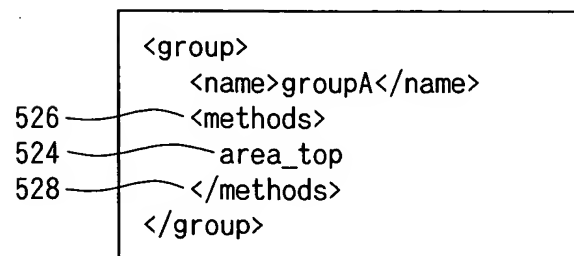


FIG. 7

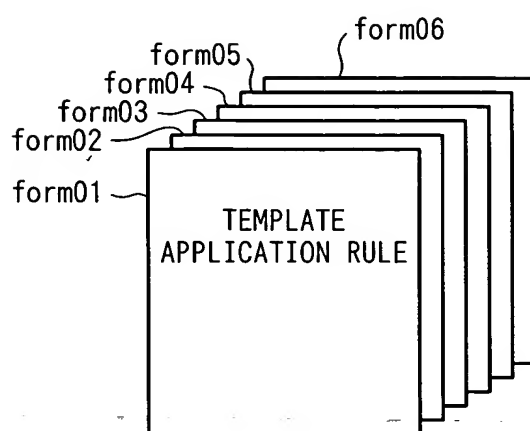


FIG. 8

350		352	
PAGE NO.		TEMPLATE NO.	
1		1	
2		2	
3		1	
4		2	
...		...	

FIG. 9

330 LAYOUT NO. CORRESPONDENCE TABLE

LAYOUT NO.	TEMPLATE APPLICATION RULE
1	form 01
2	form 02
3	form 03
4	form 04
5	form 05
6	form 06

FIG. 10A

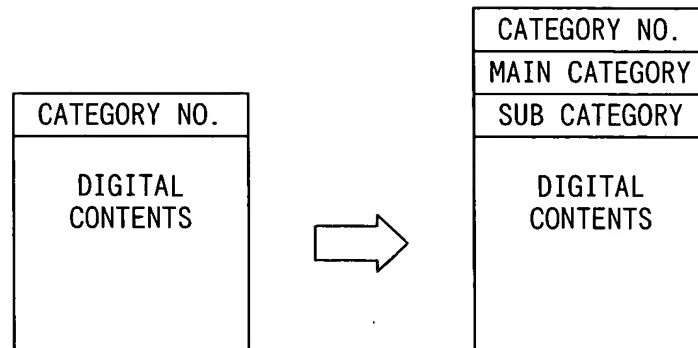


FIG. 10B

340 CATEGORY NO.
CORRESPONDENCE TABLE

342 CATEGORY NO.	344 MAIN CATEGORY	346 SUB CATEGORY
1102	WORLD NEWS	US
1135	AREA	TOKYO
1122	POLITICS	ELECTION
1202	WEATHER	WORLD TEMPERATURE
1310	BUSINESS	GENERAL FINANCE
2010	SPORTS	BASEBALL
2020	SPORTS	FOOTBALL
2030	SPORTS	BASKETBALL
2040	SPORTS	HOCKEY
2050	SPORTS	SOCCER
2070	SPORTS	GOLF
3000	SPORTS	TENNIS
1121	HOBBY	HISTORY
1500	HEALTH	PREVENTION
1401	PASTIME	TV
1432	TRAVEL	SIGHTSEEING TRIP
1501	SCIENCE&TECHNOLOGY	COMPUTER

FIG. 11

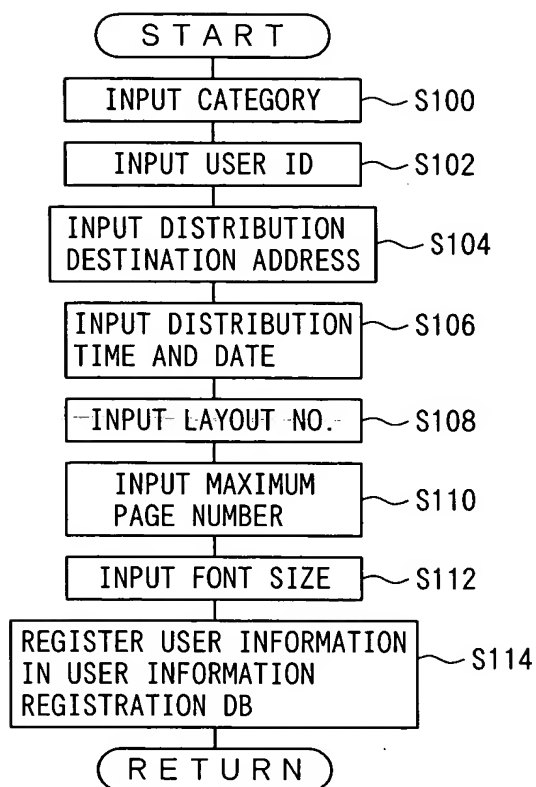


FIG. 12

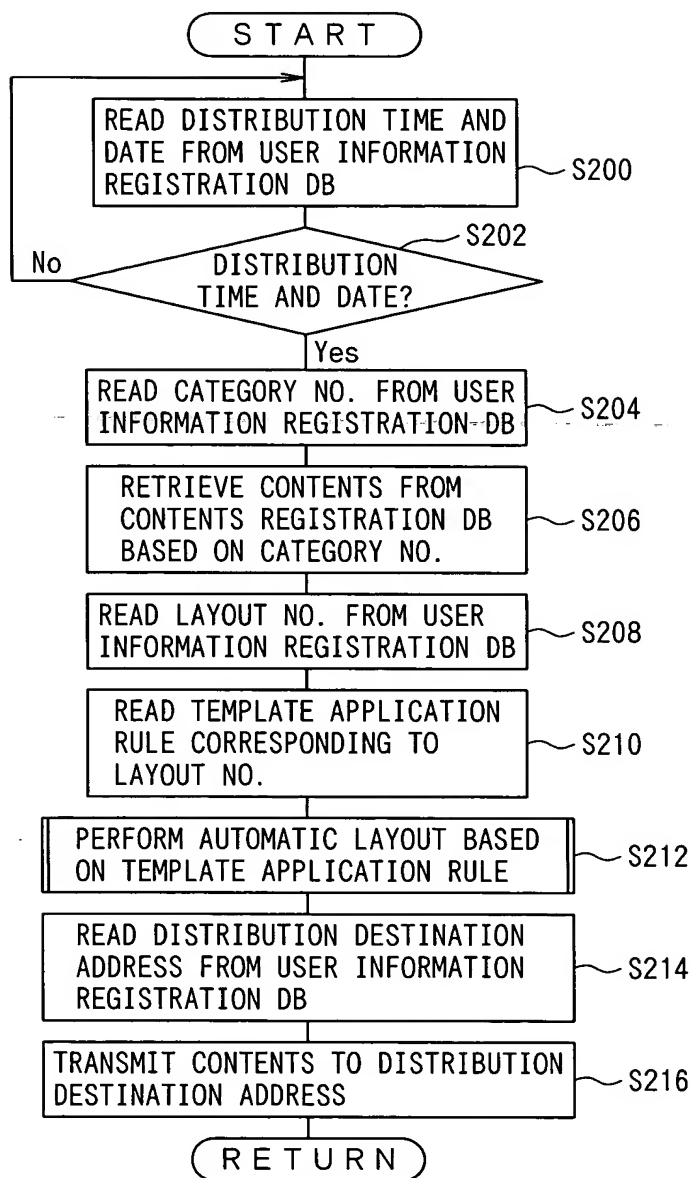


FIG. 13

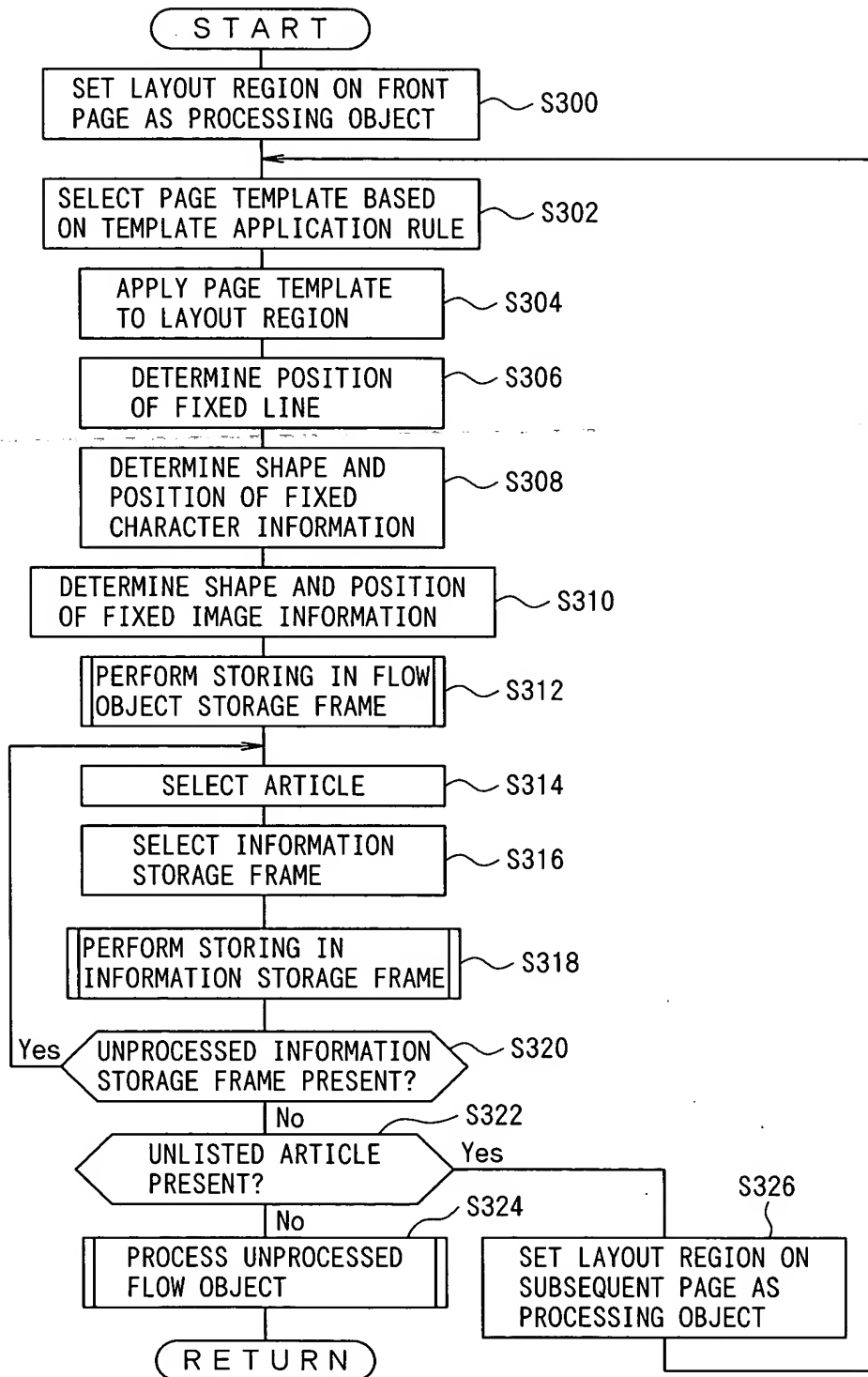


FIG. 14

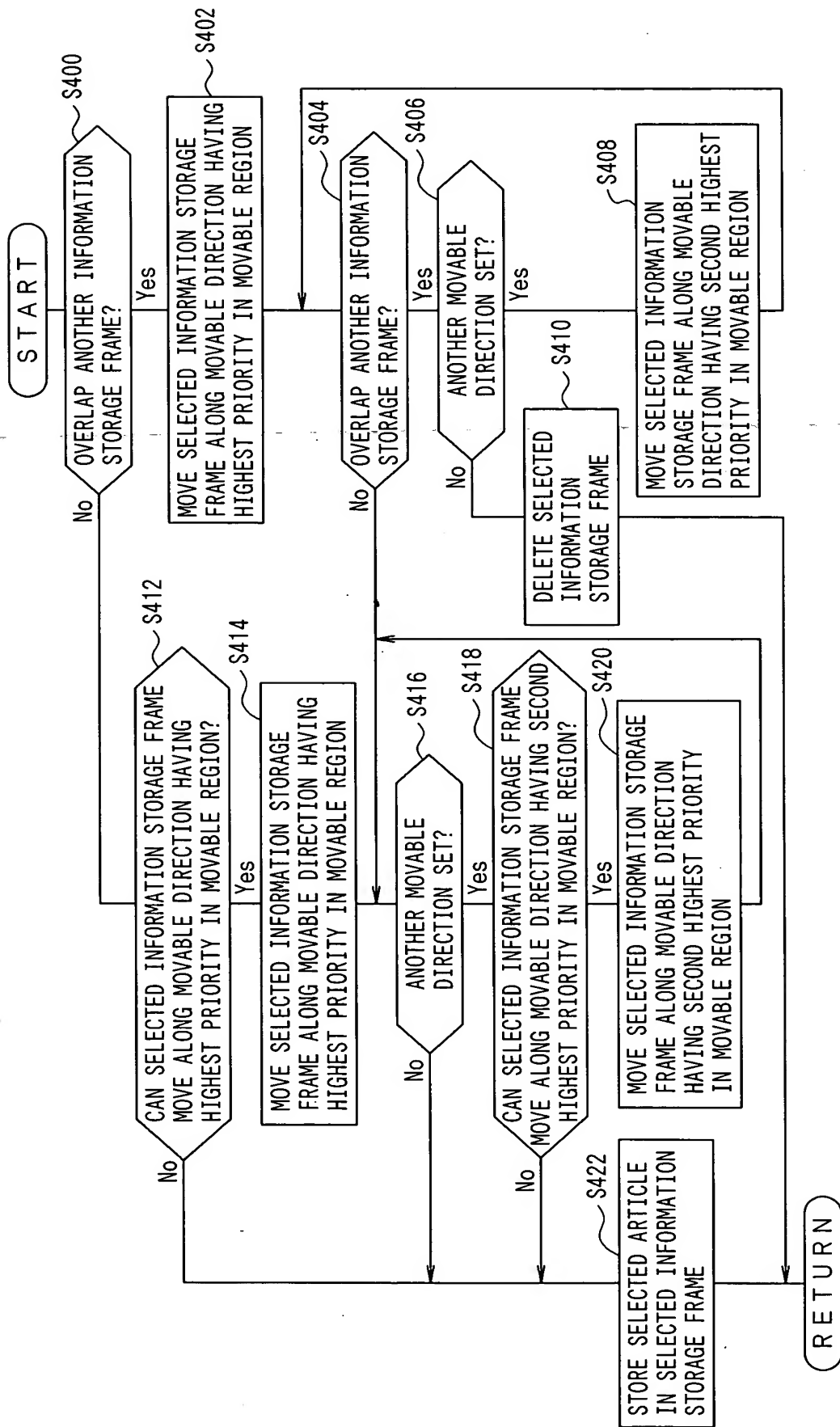


FIG. 15A

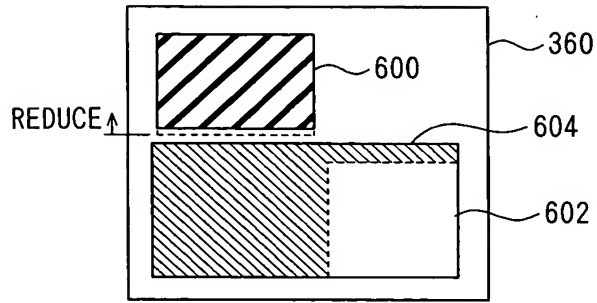


FIG. 15B

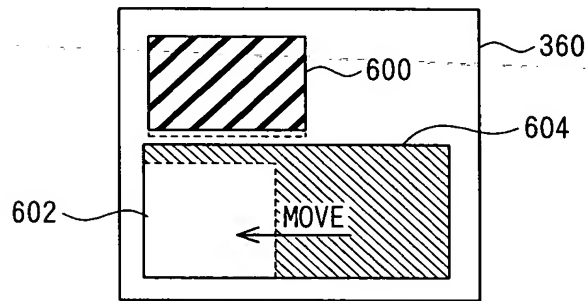


FIG. 15C

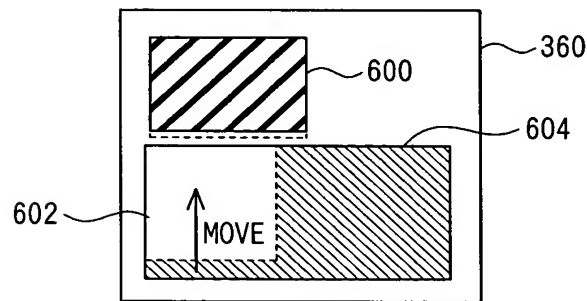
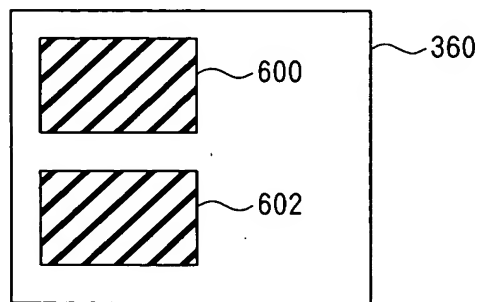


FIG. 15D



F I G. 1 6

```
500 ~<area>
504 ~<position>...</position>~ 506
508 ~<label>label2</label>~ 510
    <move>
512 ~<side>left</side>~ 514
512 ~<side>up</side>~ 514
516 ~<m_area>...</m_area>~ 518
    </move>
    <move>
520 ~<side>down</side>~ 522
524 ~<m_area>...</m_area>~ 526
528 ~<start>...</start>~ 530
    </move>
...
502 ~</area>
```


FIG. 18A

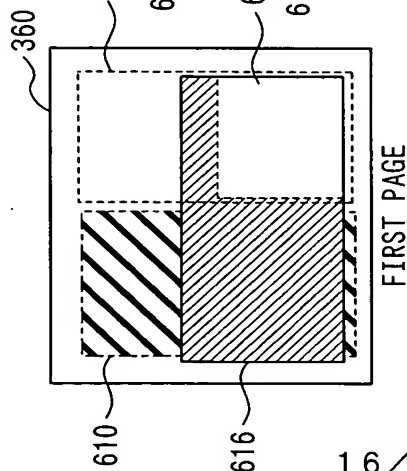


FIG. 18B

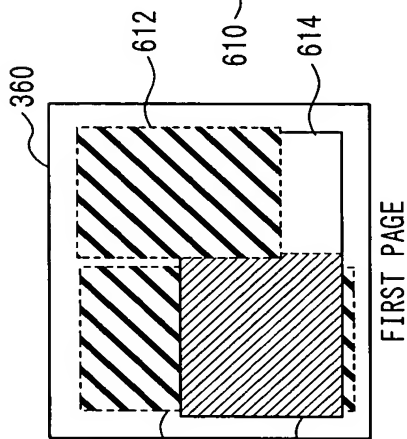


FIG. 18C

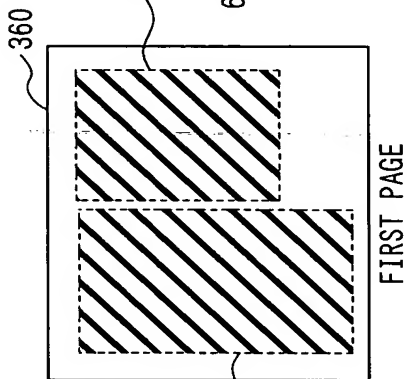


FIG. 18D

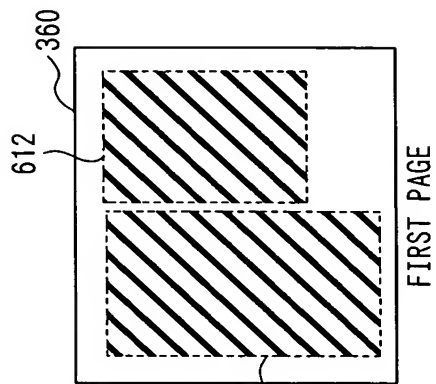


FIG. 19

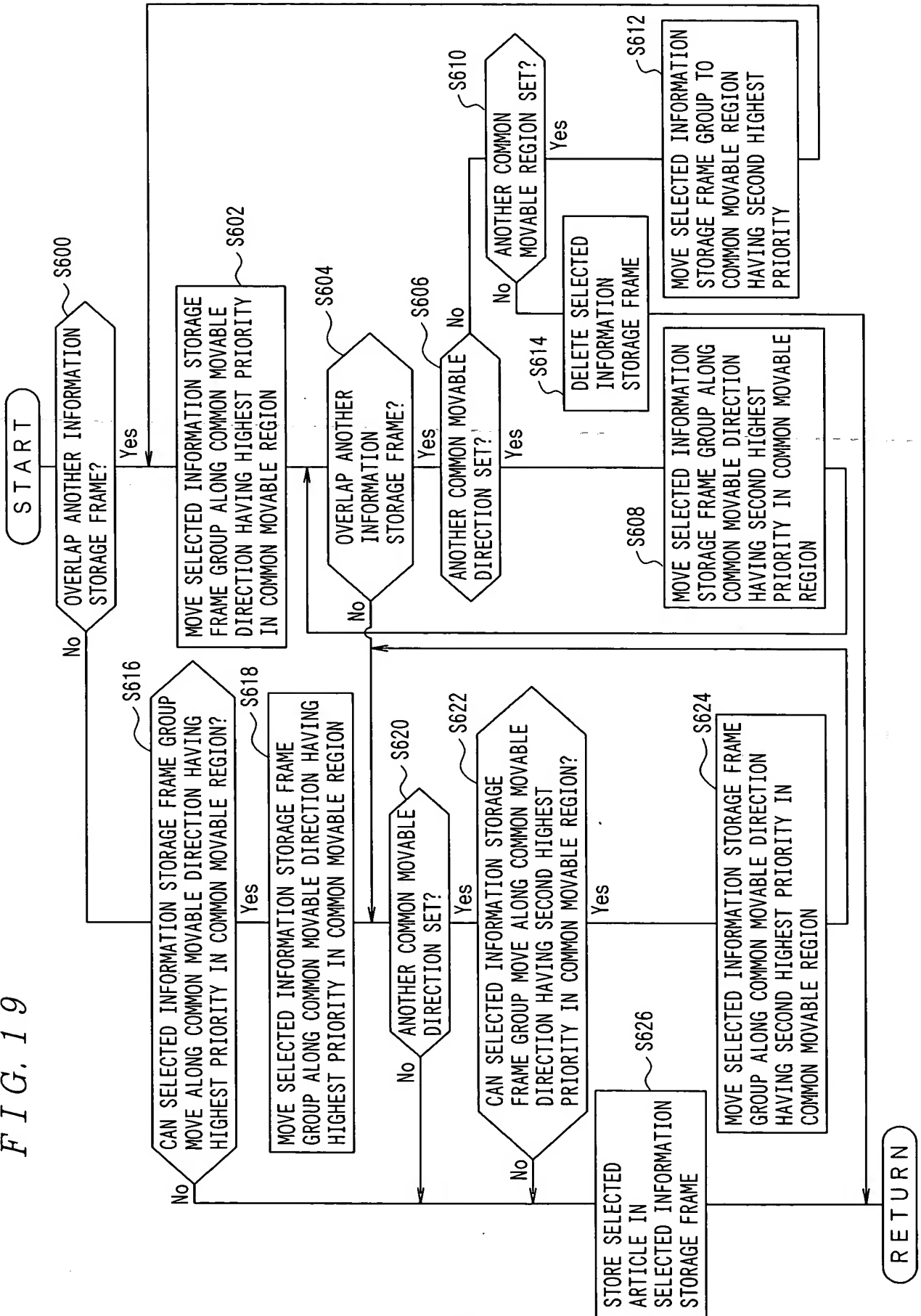


FIG. 20A

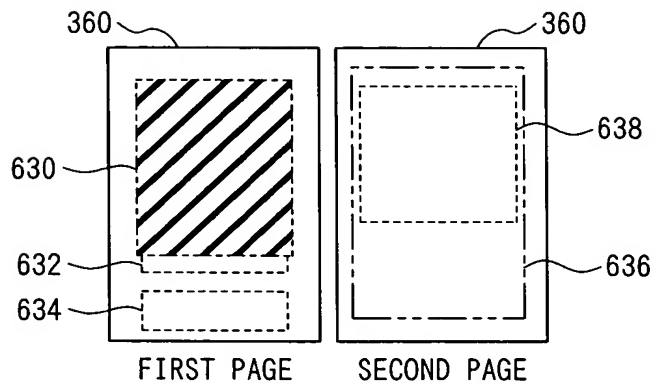


FIG. 20B

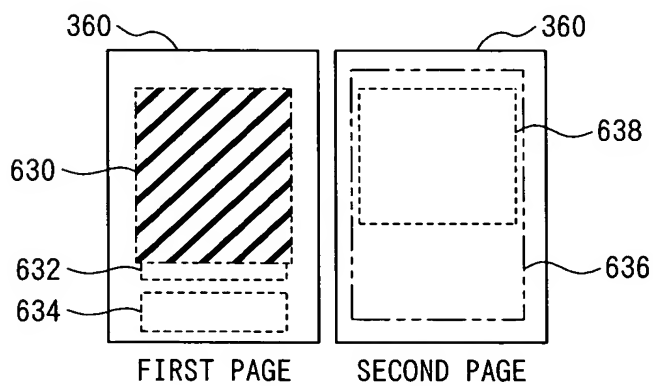


FIG. 20C

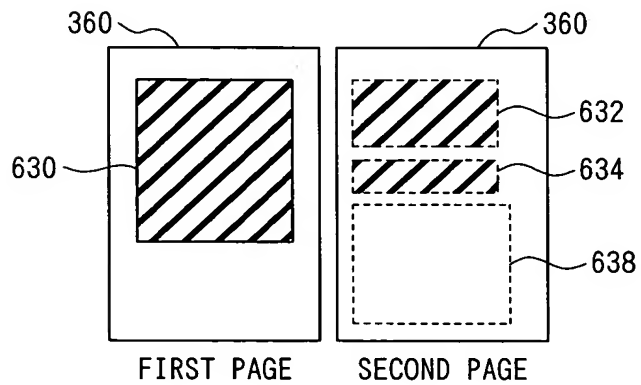


FIG. 21

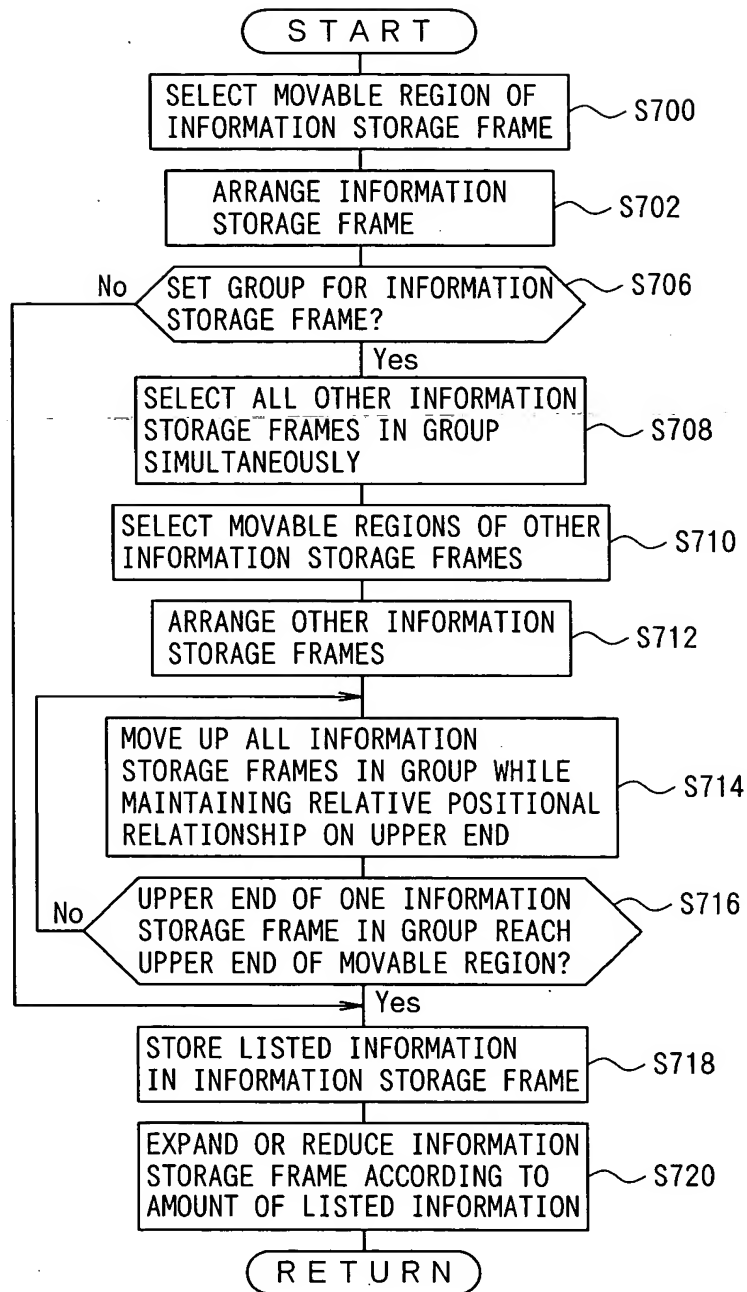


FIG. 22A

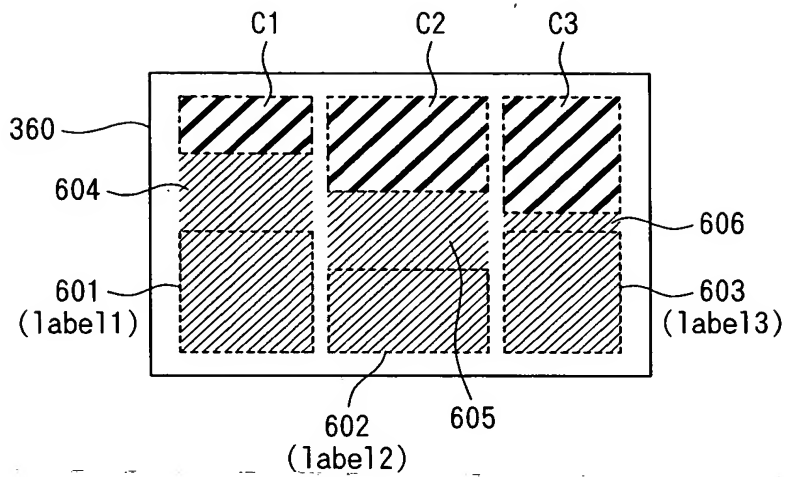


FIG. 22B

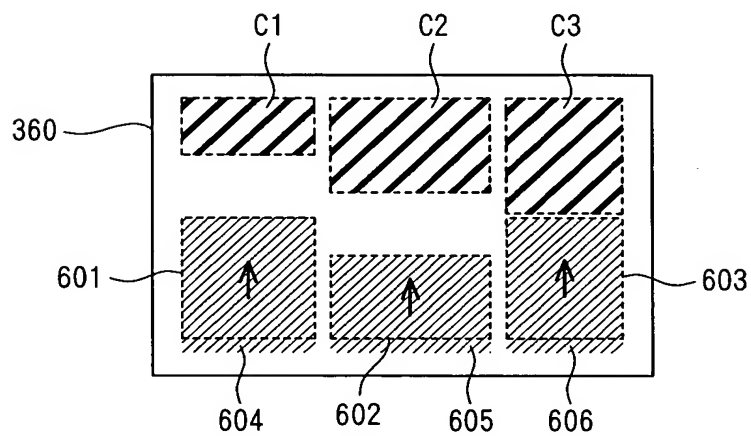


FIG. 22C

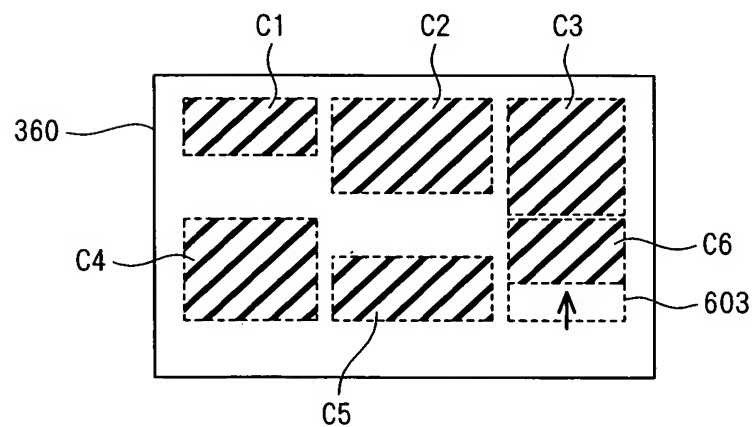


FIG. 23

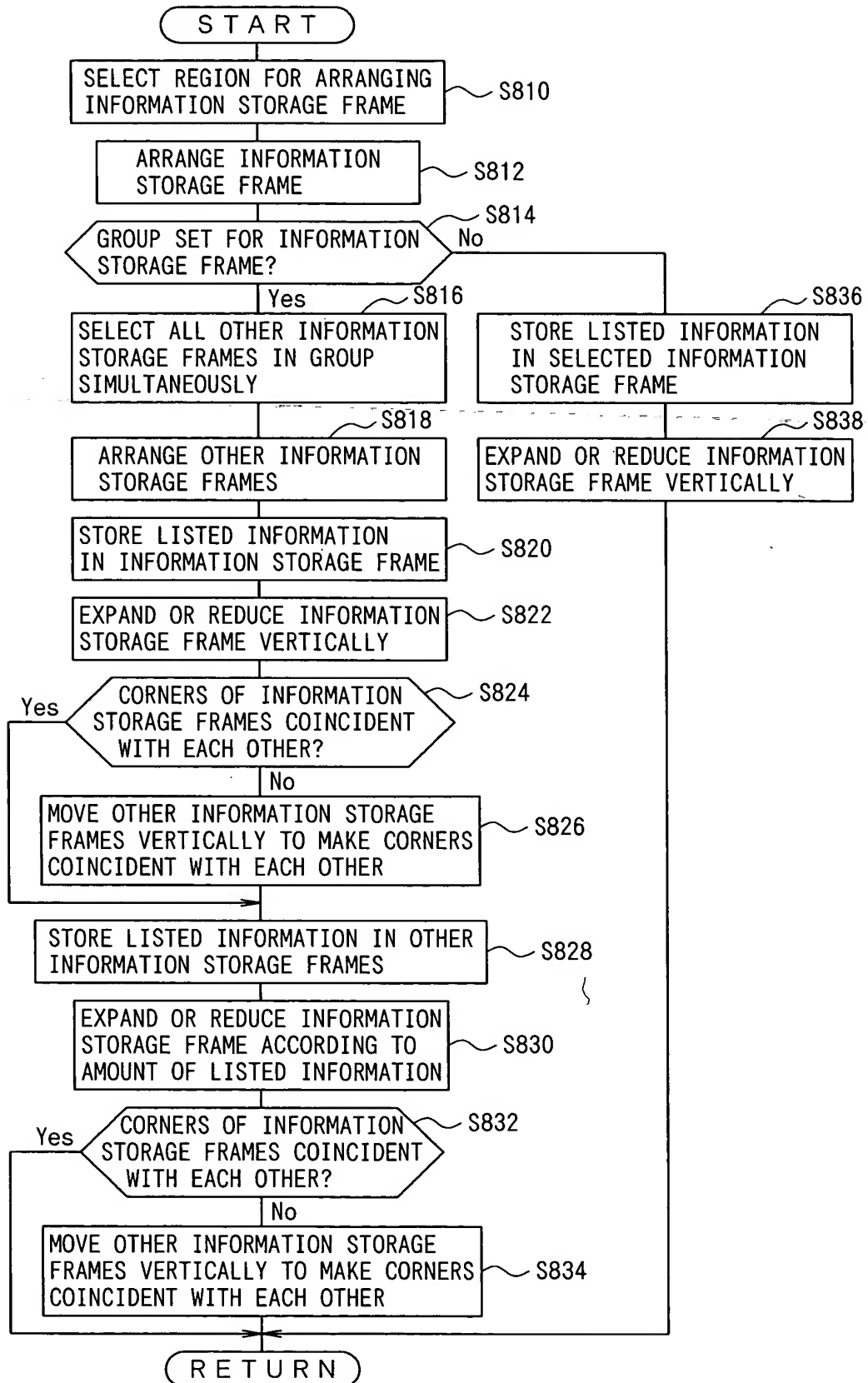


FIG. 24

```
<group>
  <name>groupA</name>
  <methods> area_corner </methods>
  <target>
    <from>
      <label>label1</label>
      <side>upper_left</side>
    </from>
    <to>
      <label>label2</label>
      <side>lower_right</side>
    </to>
  </target>
  <target> ... </target>
</group>
```

FIG. 25

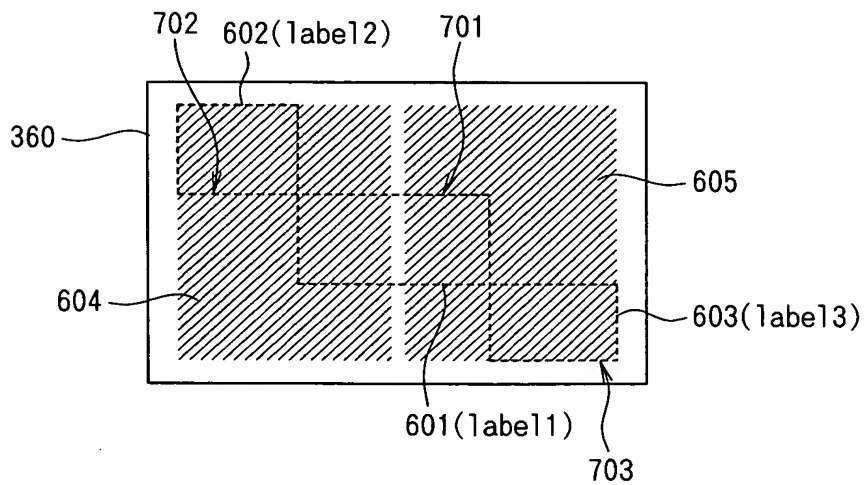


FIG. 26A

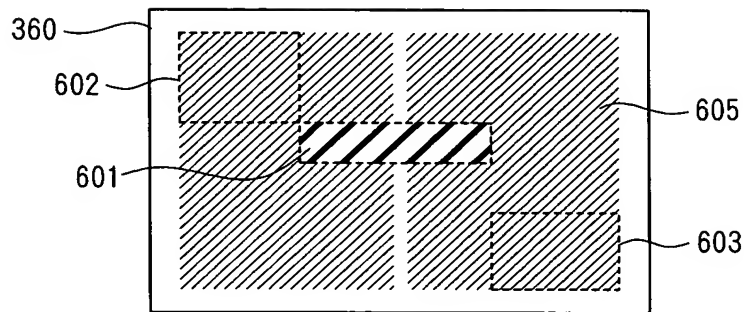


FIG. 26B

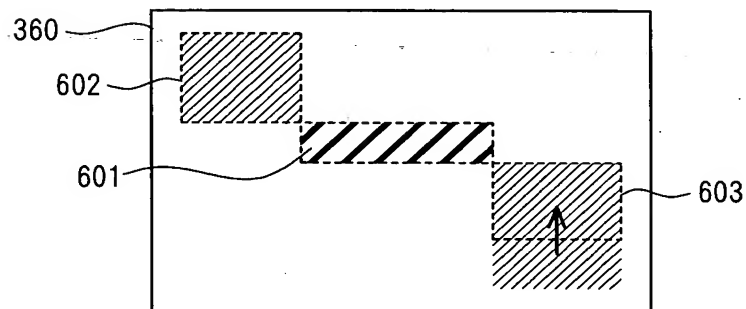


FIG. 26C

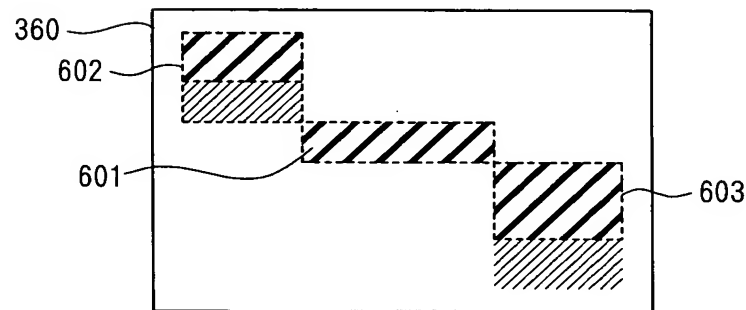


FIG. 26D

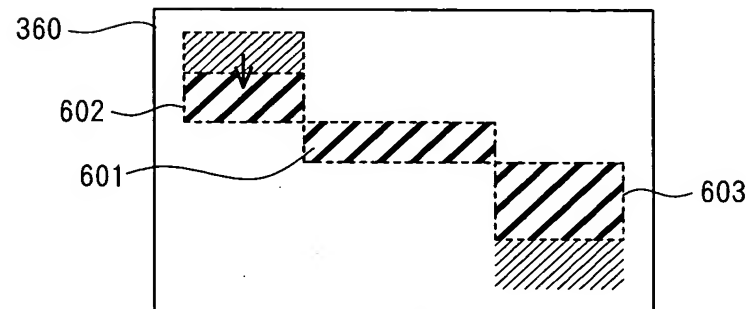


FIG. 27

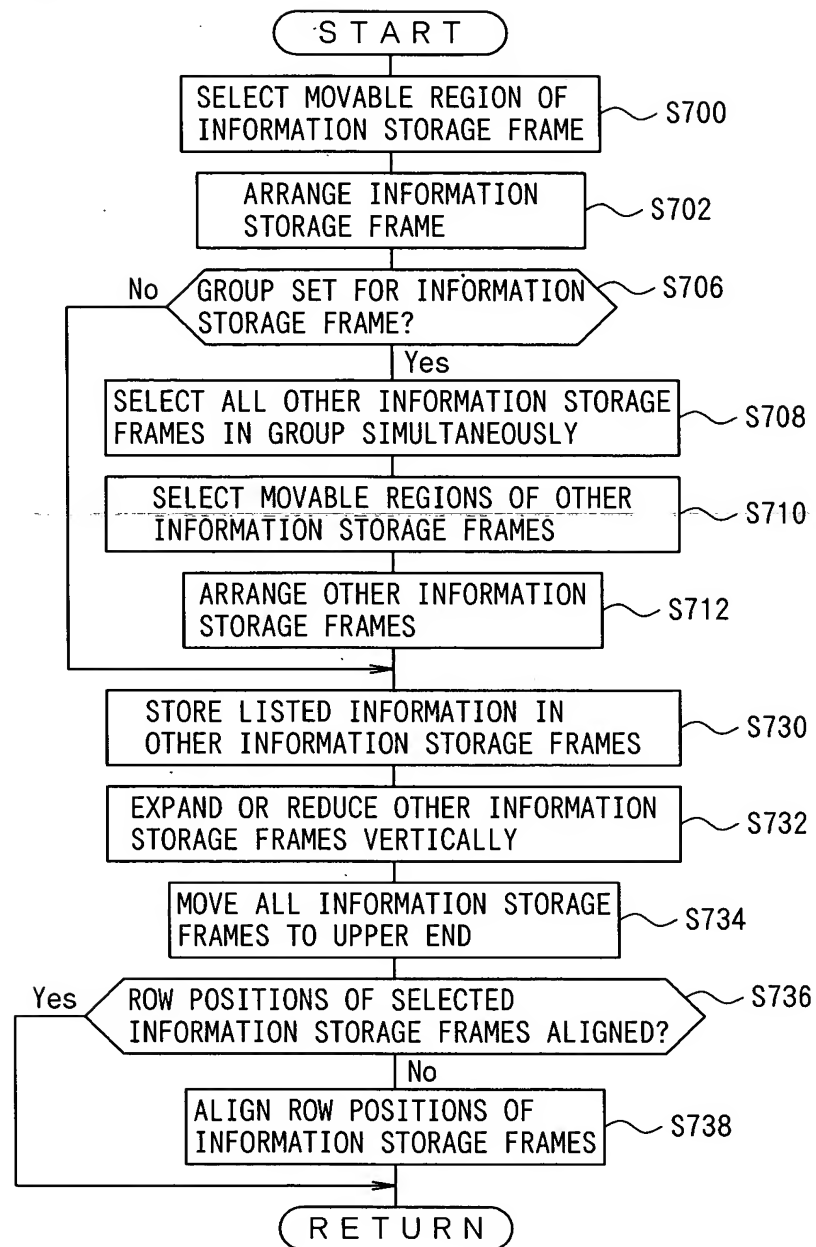


FIG. 28

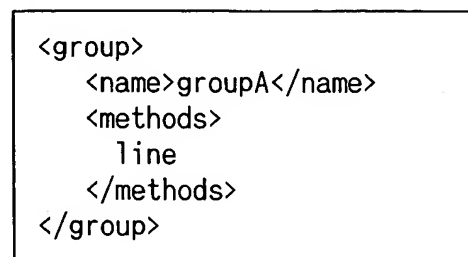


FIG. 29A

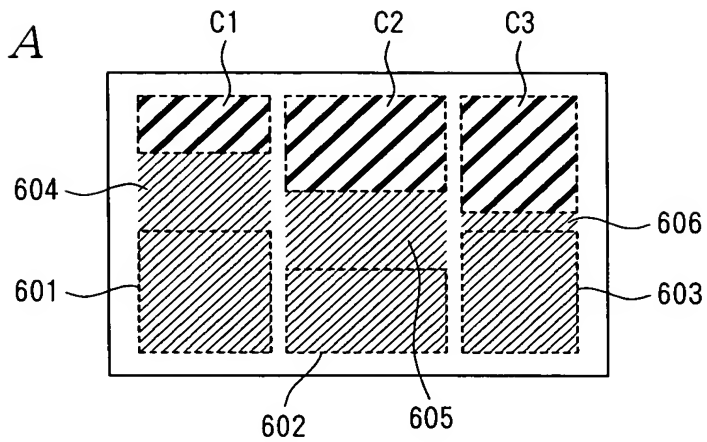


FIG. 29B

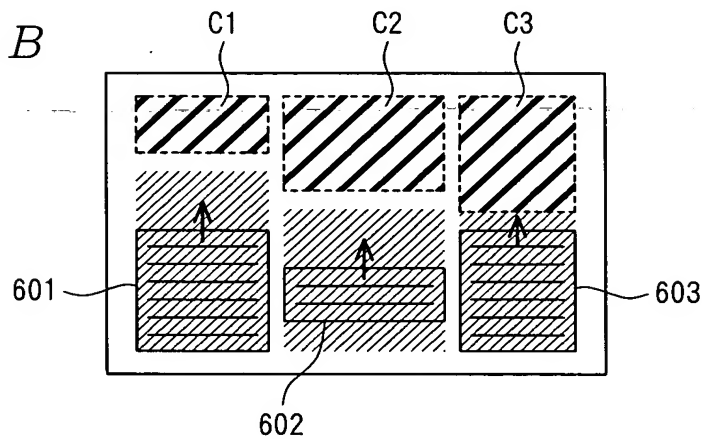


FIG. 29C

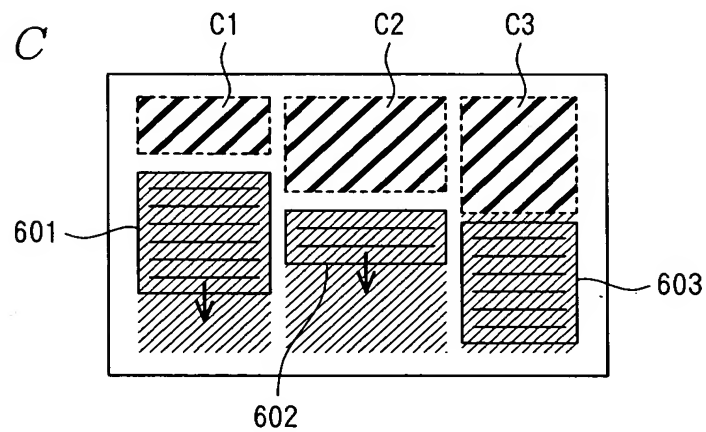
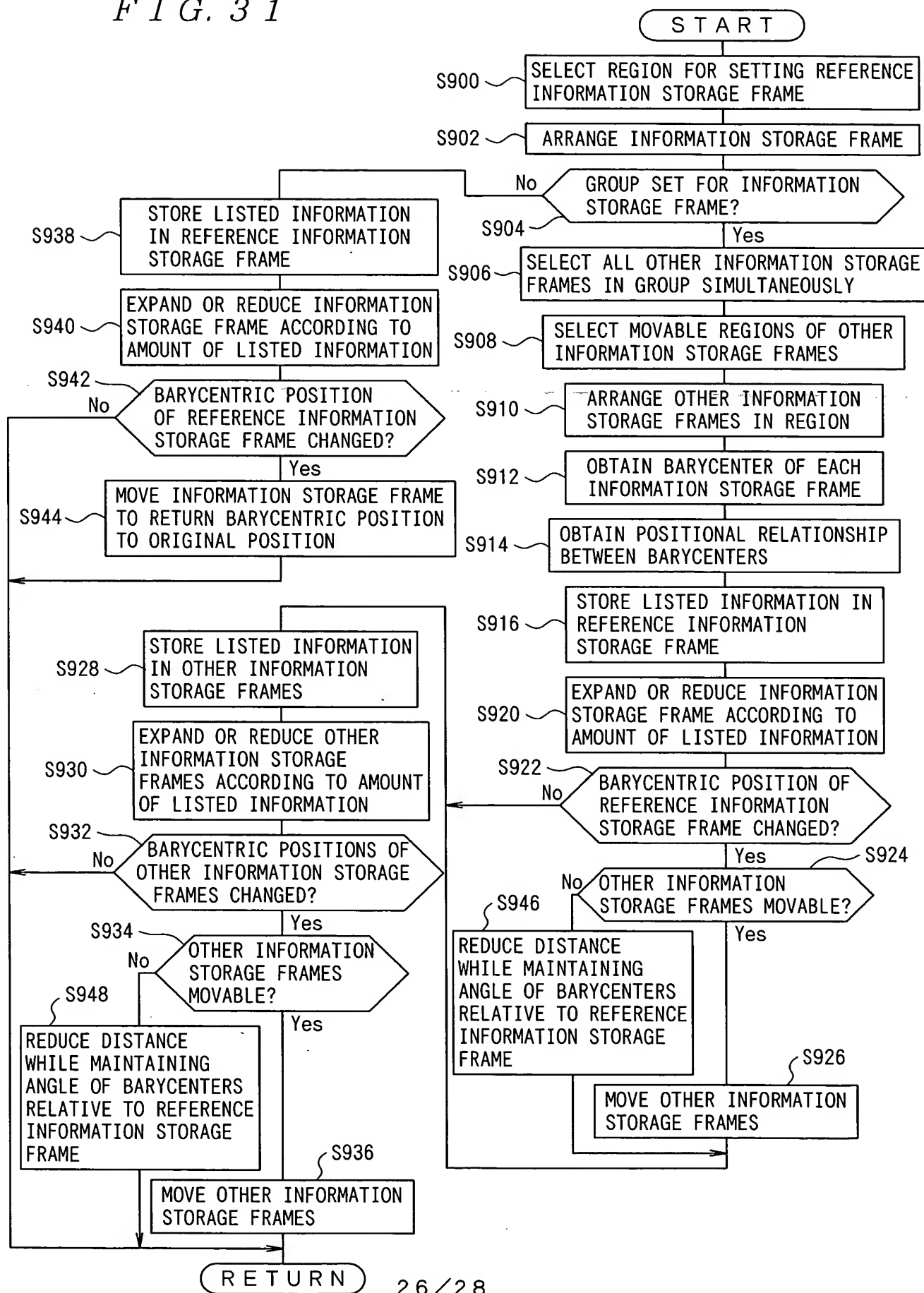


FIG. 30

```
<group>
  <name>groupA</name>
  <methods> line </methods>
  <methods> area_bottom </methods>
</group>
```

FIG. 31



F I G. 3 2

```
<group>  
  <name>groupA</name>  
  <methods> area_center</methods>  
</group>
```

FIG. 33A

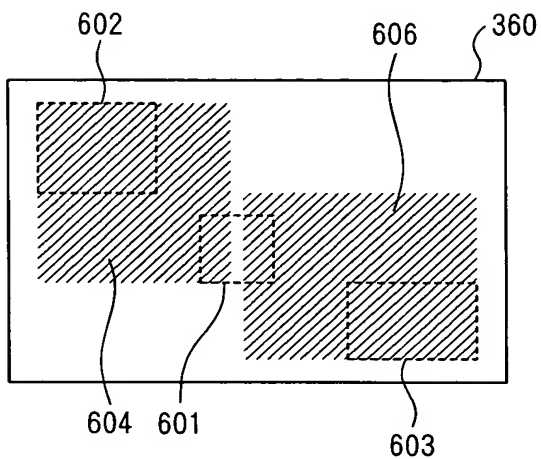


FIG. 33D

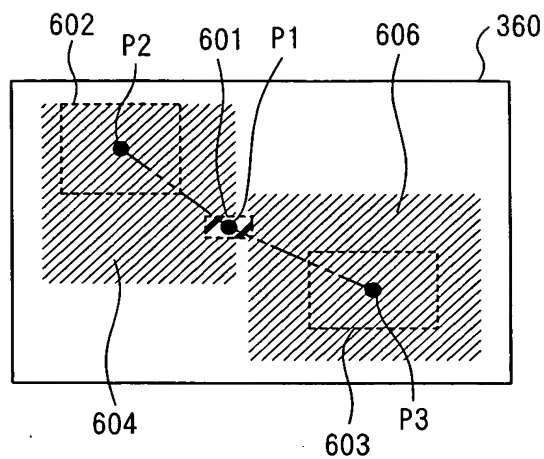


FIG. 33B

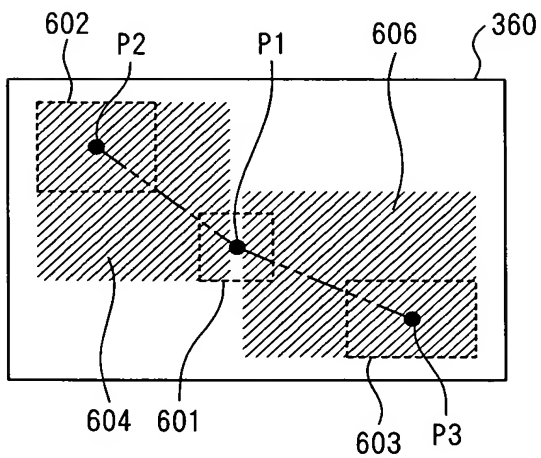


FIG. 33E

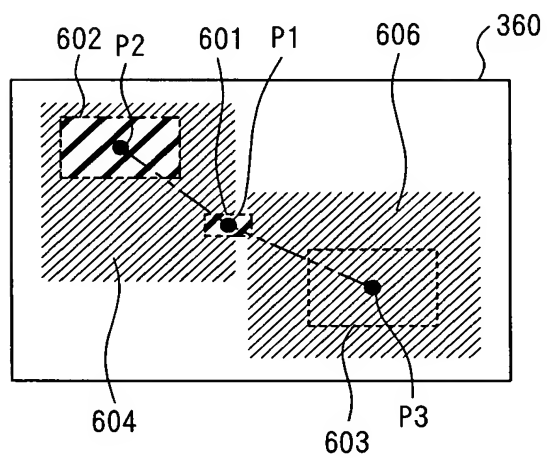


FIG. 33C

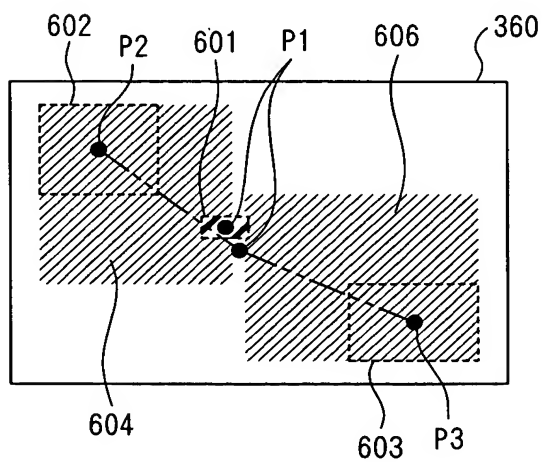


FIG. 33F

